

ABSTRACT OF THE DISCLOSURE

The multi-stage transmission comprises a drive input shaft and a drive output shaft, three single-web planetary gearset assemblies (P1, P2, P3), at least six rotatable shafts (0, 1, 2, 3, 4, 5, 6) and at least five shift elements (03, 04, 13, 15, 16) so that six forward gears and one reverse gear can be engaged, such that the drive input shaft (1) is connected to the solar gear wheel or to the web of the first planetary gearset (P1) via the clutch (15), the web or the solar gear wheel of the first planetary gearset (P1) is in rotationally fixed connection with the housing, the drive output takes place via a shaft (2) which is connected to the annular gear wheel of the second planetary gearset (P2) and to the web of the third planetary gearset (P3), a shaft (3) is permanently connected to the web of the second planetary gearset (P2) and to the annular gear wheel of the third planetary gearset (P3), and a shaft (4) is permanently connected to the solar gear wheel of the second planetary gearset (P2) and to the annular gear wheel of the first planetary gearset (P1). A shaft (5) is permanently connected to the solar gear wheel or web of the first planetary gearset (P1) and a shaft (6) is permanently connected to the solar gear wheel of the third planetary gearset (P3). The planetary gearset assemblies (P1, P2, P3) are coupled by means of shafts (0, 1, 2, 3, 4, 5, 6) and shift elements (03, 04, 13, 15, 16).